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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
Hideo NAKAGAWA et al.) Eveniner I ANDUIAD
Serial No. 09/982,144) Examiner: L. ANDUJAR)
Filed: October 19, 2001) Group Art Unit: 2826
For: SEMICONDUCTOR DEVICE HAVING METAL INTERCONNECTS (AS AMENDED)))

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

A check in the amount of \$180 is being submitted to comply with the provisions of 37 C.F.R. § 1.97(c)

The undersigned certifies that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office (a copy of which is attached) in connection with a counterpart foreign application not more than three (3) months prior to the filing of this statement.

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380 (740819-673).

Respectfully submitted,

Donald R. Studebaker

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July ____, 2004

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Substitute for form 1449A/PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

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 Complete if Known

 Application Number
 09/982,144

 Filing Date
 October 19, 2001

 First Named Inventor
 Hideo NAKAGAWA et al.

 Art Unit
 2826

 Examiner Name
 Leonardo Andujar

 Attorney Docket Number
 740819-673

	U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns,	
		Ki Country Code ³ Number ⁴ (MM-DD-YYYY	Application of Cited Document	Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		JP-05-152448	June 18, 1993	Shuji KISHI		Abstract
		JP-03-058421	March 13, 1991	Akira MOCHIZUKI		Abstract
		JP-05-121404	May 18, 1993	Yasuo KADOTA		Abstract
		JP-04-290249	October 14, 1992	Shuji KISHI		Abstract
		JP-2000-058651	February 25, 2000	Tetsuya UEDA		Abstract
	<u> </u>					
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	1					

	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		May 18, 2004 Office Action for JP Application No. 2000-327154 (in Japanese)			

Examiner	Date
Signature	Considered
4.8	1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.